

ADSORPTION / DRYER HOUSINGS

- Replaceable Adsorbent
- 5 Micron Filter Pads Included
- Full Contact With Adsorbent
- Aluminum & Transparent Housings



Our In-Line Adsorption Housings are a simple, cost effective solution for the adsorption of various chemicals within a gaseous stream. The transparent body is offered in two basic sizes; 500 cc and 1000 cc of internal volume. The aluminum body is also offered in two basic sizes; 800 cc and 1600 cc of internal volume. The housings come complete, ready to install, with the adsorbent of your choice included. Adsorbents work by contact time. The longer the gas is in contact with the specific contaminant, the better the performance. Flow rates should be kept to a minimum.

Transparent Body (30 PSIG Max.)	Replacement Adsorbent
IACH-1/2"-500-XX	RBIA-500-XX
IACH-1/2"-1000-XX	RBIA-1000-XX

Dimensions For Transparent Body	
500cc Housing	3.25" Diameter 8.25" Length
1000cc Housing	3.25" Diameter 16.5" Length

Notes: (1) Replace "XX" with adsorption grade required, CC, 4A, 13X, SG, MB, PP, HO

Aluminum Body (250 PSIG Max.)	Replacement Adsorbent
IAAH-1/2"-800-XX	RBIA-800-XX
IAAH-1/2"-1600-XX	RBIA-1600-XX

Dimensions For Aluminum Body	
800cc Housing	4" Diameter 8" Length
1600cc Housing	4" Diameter 15" Length

Notes: (1) Replace "XX" with adsorption grade required, CC, 4A, 13X, SG, MB, PP, HO

Adsorbent	Code	Principle Uses
Activated Carbon	CC	Adsorption of hydrocarbons and other organic vapors
Molecular Sieve 4A	4A	Adsorption of CO ₂ , NH ₃ , H ₂ S, SO _x
Molecular Sieve 13X	13X	Adsorption of CO ₂ , NH ₃ , H ₂ S, SO _x , aromatics, amines
Silica Gel	SG	Adsorption of water vapor
Drierite Anhydrous Calcium Sulfate	DR	Adsorption of water vapor
Mixed Bases	MB	Removal of acidic gases, CO ₂ , SO _x , NO _x , HCl
Potassium Permanganate	PP	Removal of SO _x , Hg, and other acidic gases
Hopcalite	HO	Removal of CO by catalytic oxidation to CO ₂
Sodium Bicarbonate	SB	Acid Neutralizer



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